PROJECT TITLE : Physical Testing Methods

Period Covered : February 1 - February 29, 1980
Report Written by : T. Piko
Report Approved by : F. Lopes

Automation of the smoke laboratory

The study regarding the automation of the smoke laboratory has started with the cooperation of "RCB electronic".

Physical tests

In the framework of the physical tests presently being run, three different types of filters have been produced. They will be distributed to the participants in April 1980.

The purpose of this test is to compare the measurements of the RTD (encapsulated) as well as the diameter of porous and non porous filters.

Cigarette compressibility

The new electronic control device will be finished at the beginning of March 1980. A second series of instruments will be ordered after checking of this new device.

Miscellaneous

The instrument "COMPU-TRAC", model MA-6, of MOTOROLA PROCESS CONTROL INC. has been evaluated. This instrument is used to measure moisture according to the thermo-gravimetric principle.

It has not given satisfaction for the following reasons :

- Measuring time too long : 10 - 20 minutes until display of the results, according to the moisture and the kind of tobacco

- Price too high : Sw.Fr. 11'000.-

QC - METHODS

T. Piko

0001437716

Source: https://www.industrydocuments.ucsf.edu/docs/gknl0000